



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
D'AMATO ET AL. ) Art Unit: 1616  
Serial No. 09/780,650 ) Examiner: BADIO, B.  
Filed: FEBRUARY 12, 2001 )  
For: ESTROGENIC COMPOUNDS AS )  
ANTI-MITOTIC AGENTS )

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The citation of information on the attached Form PTO/SB/08A, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

As this Information Disclosure Statement is being filed after the issuance of an office action on the merits, pursuant to 37 C.F.R. §1.97(c)(2), the fee of \$180, as set forth in §1.17(p), is enclosed.

Related applications are listed on the attached Supplemental Appendix A for your reference. Applicants respectfully request that the Examiner review the applications listed in Appendix A, initial Appendix A in the appropriate spaces, and return a copy of the initialized Appendix to Applicants.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

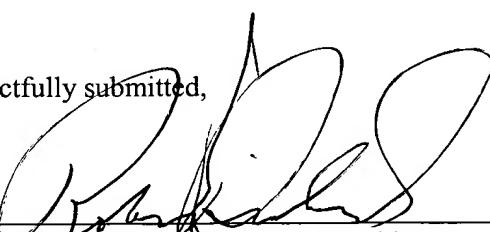
KILPATRICK STOCKTON LLP  
1100 Peachtree Road, Suite 2800  
Atlanta, Georgia 30309-4530  
(404) 815-6500  
Our Docket: 05213-0493 (43170-253692)

04/06/2004 MGBREM1 00000148 09780650

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 12, 2004.

Respectfully submitted,

By:   
Robert E. Richards, Reg. No. 29,105

Robert E. Richards - Reg. No. 29,105



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPENDIX A

Commissioner for Patents  
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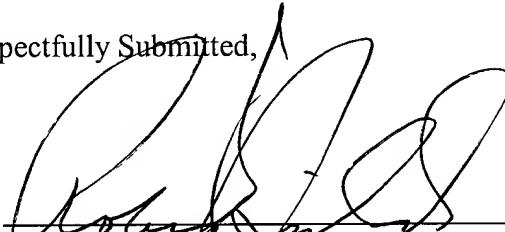
Sir:

Applicants respectfully request that the Examiner review the below-listed patent applications. Please review and initial each listed application and return a copy of the initialed Supplemental Appendix A to the Applicants.

The serial numbers of the below-listed U.S. patent applications are listed on this form as provided in MPEP §609(D), rather than a PTO-1449 form, to avoid the serial numbers of the pending U.S. patent applications being published on any patent that may issue from this application. **Applicants do not waive the confidential nature of any of the below-listed patent applications.**

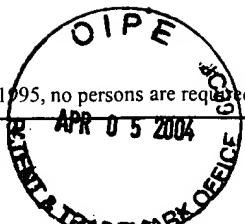
- 1. U.S. Application Serial No. 09/641,327 filed August 18, 2000
- 2. U.S. Application Serial No. 09/644,387 filed August 23, 2000
- 3. U.S. Application Serial No. 09/779,331 filed February 8, 2001
- 4. U.S. Application Serial No. 09/899,702 filed July 5, 2001
- 5. U.S. Application Serial No. 09/939,208 filed August 24, 2001
- 6. U.S. Application Serial No. 10/077,142 filed February 15, 2002

- 7 U.S. Application Serial No. 10/080,076 filed February 21, 2002
- 8 U.S. Application Serial No. 10/281,831 filed October 25, 2002
- 9 U.S. Application Serial No. 10/354,921 filed January 30, 2003
- 10 U.S. Application Serial No. 10/354,927 filed January 30, 2003
- 11 U.S. Application Serial No. 10/375,890 filed February 27, 2003
- 12. U.S. Application Serial No. 10/610,748 filed July 1, 2003
- 13. U.S. Application Serial No. 10/617,150 filed July 10, 2003
- 14. U.S. Application Serial No. 10/635,846 filed August 5, 2003
- 15 Unassigned U. S. Application filed February 27, 2004 under Attorney Docket No: 05213-3001 (43170-295490)

Respectfully Submitted,  
  
By: \_\_\_\_\_  
Robert E. Richards  
Reg. No. 29,105

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Our Docket: 052130-0493 (43170-253692)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application No.      | 09/780,650        |
| Filing Date          | 02/12/2001        |
| First Named Inventor | D'Amato           |
| Group Art Unit       | 1616              |
| Examiner Name        | Badio, Barbara P. |

Sheet 1 of 31

Attorney Docket Number 05213-0493 (43170-253692)

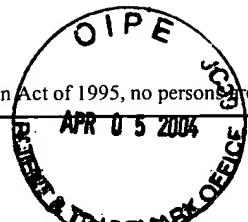
**U.S. PATENT DOCUMENTS**

| Examiner Initials | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
|                   |                       | Number <sup>4</sup>  | Kind Code <sup>5</sup> (if known) |   |  |   |
|                   | 1                     | 2,584,271            |                                   | Huffman   | 02/05/1952                                       |   |
|                   | 2                     | 2,846,453            |                                   | Hoehn   | 08/05/1958                                       |   |
|                   | 3                     | 3,166,577            |                                   | Ringold et al.                                  | 01/19/1965                                       |   |
|                   | 4                     | 3,410,879            |                                   | Smith et al.                                    | 11/12/1968                                       |   |
|                   | 5                     | 3,470,218            |                                   | Farah   | 09/30/1969                                       |   |
|                   | 6                     | 3,492,321            |                                   | Crabbe  | 01/27/1970                                       |   |
|                   | 7                     | 3,496,272            |                                   | Kruger (Identifier only)                        | 02/17/1970                                       |   |
|                   | 8                     | 3,562,260            |                                   | De Ruggieri et al.                              | 02/09/1971                                       |   |
|                   | 9                     | 3,956,348            |                                   | Hilscher  | 05/11/1976                                       |   |
|                   | 10                    | 4,212,864            |                                   | Tax   | 07/15/1980                                       |   |
|                   | 11                    | 4,307,086            |                                   | Tax   | 12/22/1981                                       |   |
|                   | 12                    | 4,552,758            |                                   | Murphy et al.                                   | 11/12/1985                                       |   |
|                   | 13                    | 4,634,705            |                                   | DeBernardis et al.                              | 01/06/1987                                       |   |
|                   | 14                    | 4,808,402            |                                   | Leibovich et al.                                | 02/28/1989                                       |   |
|                   | 15                    | 4,994,443            |                                   | Folkman et al.                                  | 02/19/1991                                       |   |
|                   | 16                    | 5,135,919            |                                   | Folkman et al.                                  | 08/04/1992                                       |   |
|                   | 17                    | 5,521,168            |                                   | Clark   | 05/28/1996                                       |   |
|                   | 18                    | 5,621,124            |                                   | Seitz et al.                                    | 04/15/1997                                       |   |
|                   | 19                    | 5,629,340            |                                   | Kuwano et al.                                   | 05/13/1997                                       |   |
|                   | 20                    | 5,639,725            |                                   | O'Reilly et al.                                 | 06/17/1997                                       |   |
|                   | 21                    | 5,716,981            |                                   | Hunter et al.                                   | 02/10/1998                                       |   |
|                   | 22                    | 5,733,876            |                                   | O'Reilly et al.                                 | 03/31/1998                                       |   |
|                   | 23                    | 5,763,432            |                                   | Tanabe et al.                                   | 06/09/1998                                       |   |
|                   | 24                    | 5,776,704            |                                   | O'Reilly et al.                                 | 07/07/1998                                       |   |

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| Examiner Signature | Date Considered |
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application No. 09/780,650

Filing Date 02/12/2001

First Named Inventor D'Amato

Group Art Unit 1616

Examiner Name Badio, Barbara P.

Sheet 2 of 31

Attorney Docket Number 05213-0493 (43170-253692)

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|-------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
|                   |                       | Number <sup>4</sup>  | Kind Code <sup>5</sup> (if known) |   |  |   |
|                   | 25                    | 5,792,845            |                                   | O'Reilly et al.                                 | 08/11/1998                                       |   |
|                   | 26                    | 5,837,682            |                                   | O'Reilly  | 11/17/1998                                       |   |
|                   | 27                    | 5,854,205            |                                   | O'Reilly et al.                                 | 12/29/1998                                       |   |
|                   | 28                    | 5,854,221            |                                   | Cao et al.                                      | 12/29/1998                                       |   |
|                   | 29                    | 5,861,372            |                                   | Folkman et al.                                  | 01/19/1999                                       |   |
|                   | 30                    | 5,885,795            |                                   | O'Reilly et al.                                 | 03/23/1999                                       |   |
|                   | 31                    | 5,892,069            |                                   | D'Amato et al.                                  | 04/06/1999                                       |   |
|                   | 32                    | 5,958,892            |                                   | Mukhopadhyay et al.                             | 09/28/1999                                       |   |
|                   | 33                    | 6,011,023            |                                   | Clark et al.                                    | 01/04/2000                                       |   |
|                   | 34                    | 6,046,186            |                                   | Tanabe et al.                                   | 04/04/2000                                       |   |
|                   | 35                    | 6,054,598            |                                   | Sachdeva et al.                                 | 04/25/2000                                       |   |
|                   | 36                    | 6,136,992            |                                   | Ram et al.                                      | 10/24/2000                                       |   |
|                   | 37                    | 6,200,966            |                                   | Stewart   | 03/13/2001                                       |   |
|                   | 38                    | 6,239,123            |                                   | Green et al.                                    | 05/29/2001                                       |   |
|                   | 39                    | 6,284,789            | B1                                | LaLonde et al.                                  | 09/04/2001                                       |   |
|                   | 40                    | 6,358,940            | B1                                | Conney  | 03/19/2002                                       |   |
|                   | 41                    | 6,399,773            | B1                                | Liu et al.                                      | 06/04/2002                                       |   |
|                   | 42                    | 6,410,029            | B1                                | Mukhopadhyay et al.                             | 06/25/2002                                       |   |
|                   | 43                    | 6,514,971            | B1                                | Thomas et al.                                   | 02/04/2003                                       |   |
|                   | 44                    | 6,528,676            | B1                                | D'Amato et al.                                  | 03/04/2003                                       |   |
|                   | 45                    | 6,605,622            | B2                                | Green et al.                                    | 08/12/2003                                       |   |

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|  |   |    |    | Application No.        | 09/780,655                |
|  |   |    |    | Filing Date            | 02/12/2000                |
|  |   |    |    | First Named Inventor   | D'Amato                   |
|  |   |    |    | Group Art Unit         | 1616                      |
|  |   |    |    | Examiner Name          | Badio, Barbara P.         |
| Sheet  | 3 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |

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|-------------------|-----------------------|-------------------------|---------------------|---|---|---|----------------|
|                   |                       | Office <sup>3</sup>     | Number <sup>4</sup> |   |   |   |                |
|                   | 46                    | DE                      | 1907330             | Sandoz Ltd. (Identifier only)                   | 10/23/1969  |   |                |
|                   | 47                    | DE                      | 2 004 516           | VEB Jenapharm                                   | 09/10/1970  |   | No             |
|                   | 48                    | DE                      | 27 57 157           | Schering AG                                     | 12/19/1977  |   |                |
|                   | 49                    | DE                      | 3625315             | Schering A.-G (Identifier only)                 | 01/28/1988  |   |                |
|                   | 50                    | EPO                     | 0166937             | A2  | Abbott Laboratories                                 | 08/01/1986  |                |
|                   | 51                    | GB                      | 857,080             |   | Syntex S.A.   | 12/29/1960  |                |
|                   | 52                    | GB                      | 857,081             |   | Syntex S.A.   | 12/29/1960  |                |
|                   | 53                    | GB                      | 1,570,597           |   | Takeda et al.                                       | 07/02/1980  |                |
|                   | 54                    | JP                      | 42-928              | B   | DAINIPPON PHARM CO LTD<br>(abstract only)           | 01/18/1967  |                |
|                   | 55                    | JP                      | 39-5480             | B   | Teikoku Hormone Mfg. Co.                            |   | No             |
|                   | 56                    | JP                      | 11-209322           |   |   | 08/03/1999  |                |
|                   | 57                    | JP                      | 58-131978           |   | Lilly & Co Eli (Elil)                               | 08/06/1983  |                |
|                   | 58                    | JP                      | 63090763            | A   | Research Development Corp. of Japan (Abstract only) | 04/21/1988  |                |

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|  |   |    |    |                        | Filing Date               | 02/12/2001        |
|  |   |    |    |                        | First Named Inventor      | D'Amato           |
|  |   |    |    |                        | Group Art Unit            | 1616              |
|  |   |    |    |                        | Examiner Name             | Badio, Barbara P. |
| Sheet  | 4 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |                   |

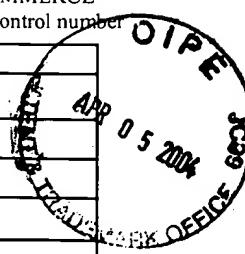
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|                   |                       | Office <sup>3</sup>     | Number <sup>4</sup> |   |   |   |                |
| 59                | JP                    | 63-119500               |                     | Dai Ichi Seiyaku Co Ltd.                              | 05/24/1988  |   | No             |
| 60                | JP                    | 41 000100               | A                   | Dainippon Pharmaceutical Co., Ltd.<br>(abstract only) | 01/07/1966  |   |                |
| 61                | SU                    | 1240038                 | A1                  | A MED ONCOLOGY CENTRE<br>(abstract only)              | 10/27/1996  |   |                |
| 62                | WO                    | 00/07576                | A2                  | ENDORECHERCHE, INC                                    | 02/17/2000  |   |                |
| 63                | WO                    | 00/10552                | A2                  | Global Vascular Concepts, Inc.                        | 03/02/2000  |   |                |
| 64                | WO                    | 87/02367                | A3                  | The Upjohn Company                                    | 04/23/1987  |   |                |
| 65                | WO                    | 88/08002                | A1                  | The Upjohn Company                                    | 10/20/1988  |   |                |
| 66                | WO                    | 93/19746                | A1                  | ORION-YH-TYMA OY                                      | 10/14/1993  |   |                |
| 67                | WO                    | 95/04535                | A1                  | The Children's Medical Center Corporation             | 02/16/1995  |   |                |
| 68                | WO                    | 98/32763                | A1                  | SRI International                                     | 07/30/1998  |   |                |
| 69                | WO                    | 98/40398                |                     | Pharm-Eco Laboratories, Inc.                          | 09/17/1998  |   |                |
| 70                | WO                    | 99/01142                | A1                  | Hyal Pharmaceutical Corporation                       | 01/14/1999  |   |                |
| 71                | WO                    | 99/22728                | A1                  | Arch Development Corporation                          | 05/14/1999  |   |                |

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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|   |   |    |    | Group Art Unit         | 1616                      |
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| Sheet   | 5 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |

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|-------------------|-----------------------|-------------------------|-----------------------------------|---|---|---|----------------|
|                   |                       | Office <sup>3</sup>     | Number <sup>4</sup><br>(if known) |   |   |   |                |
|                   | 72                    | WO                      | 99/33858                          | A3  | SRI International                                   | 07/08/1999  |                |
|                   | 73                    | WO                      | 99/33859                          | A2  | SRI International                                   | 07/08/1999  |                |
|                   | 74                    | WO                      | 99/35150                          | A3  | Arizona Board of Regents                            | 07/15/1999  |                |

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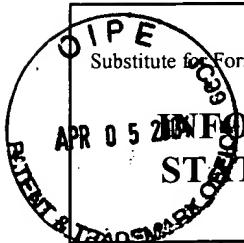
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|                                |   |    |    | First Named Inventor   | D'Amato                   |
|                                |   |    |    | Group Art Unit         | 1616                      |
|                                |   |    |    | Examiner Name          | Barrio, Barbara           |
| Sheet                          | 6 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |  |   |                 |                |              |
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| Examiner Initials                                 | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |   |                 | T <sup>2</sup> |              |
|   | 75                    | <b>Author:</b><br><br><b>Publ:</b><br>Dictionary of Drugs (1990), Dict. of Steroids (1991), Dict. of Org. Cmpds (6th Ed) (1996), Dict. of Pharm. Agents (1997)   | <b>Title:</b> Lilopristone/[1-[4-(Dimethylamino)phenyl]-17-hydroxy-17-(3-hydroxy-1-propenyl)estra-4,9-diene-3-one; AK 98734 |                 |                |              |
|   | 76                    | <b>Author:</b><br><br><b>Publ:</b><br>The Merck Index 11th Edition   | <b>Title:</b> (paragraphs 583-584)  | <b>Vol/Iss:</b> | <b>Pages:</b>  | <b>Date:</b> |
|   | 77                    | <b>Author:</b><br><br><b>Publ:</b><br>Chemical Abstracts   | <b>Title:</b> Registry Number: 56933-77-8   | <b>Vol/Iss:</b> | <b>Pages:</b>  | <b>Date:</b> |
|   | 78                    | <b>Author:</b><br><br><b>Publ:</b><br>Chemical Abstracts   | <b>Title:</b> Registry Number: 56933-78-9   | <b>Vol/Iss:</b> | <b>Pages:</b>  | <b>Date:</b> |
|   | 79                    | <b>Author:</b><br><br><b>Publ:</b><br>Chemical Abstracts   | <b>Title:</b> Registry Number: 57380-15-1   | <b>Vol/Iss:</b> | <b>Pages:</b>  | <b>Date:</b> |
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|   | 81                    | <b>Author:</b><br><br><b>Publ:</b><br>Chemical Abstracts   | <b>Title:</b> Registry Number: 71782-95-1   | <b>Vol/Iss:</b> | <b>Pages:</b>  | <b>Date:</b> |

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| Filing Date            | 02/12/2001                |
| First Named Inventor   | D'Amato                   |
| Group Art Unit         | 1616                      |
| Examiner Name          | Badio, Barbara P.         |
| Attorney Docket Number | 05213-0493 (43170-253692) |

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|   | 82                    | <b>Author:</b><br><u>Publ:</u><br><u>Chemical Abstracts</u>  | <b>Title:</b> Registry Number: 101277-11-6 | <b>Vol/Iss:</b> | <b>Pages:</b> |

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|  | 83 | <b>Author:</b><br><u>Publ:</u><br><u>Genetic Engineering News</u> | <b>Title:</b> News Article: Hoffman-La Roche Signs \$70 Million Deal with Millenium on Genomics Technology | <b>Vol/Iss:</b> | <b>Pages:</b> | <b>Date:</b> 4/15/1994 |
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|  | 84 | <b>Author:</b><br><u>Publ:</u><br><u>Genetic Engineering News</u> | <b>Title:</b> News Article: Advanced Drug Delivery Systems Peak Interest of Pharmaceutical & Biotech Firms | <b>Vol/Iss:</b> | <b>Pages:</b> | <b>Date:</b> 4/15/1994 |
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|  | 85 | <b>Author:</b><br><u>Publ:</u><br><u>Genetic Engineering News</u> | <b>Title:</b> News Article: Nasal Spray for Treating Bleeding Disorders | <b>Vol/Iss:</b> | <b>Pages:</b> | <b>Date:</b> 4/15/1994 |
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|  | 86 | <b>Author:</b> ABOULWAFA et al.<br><u>Publ:</u><br><u>Steroids</u> | <b>Title:</b> Synthesis and evaluation for uterotrophic and antiimplantation activities of 2-substituted estradiol derivatives | <b>Vol/Iss:</b> 57 | <b>Pages:</b> 199-204 | <b>Date:</b> 04/1992 |
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|  | 87 | <b>Author:</b> AIZU-YOKOTA et al.<br><u>Publ:</u><br><u>Cancer Research</u> | <b>Title:</b> Natural Estrogens Induce Modulation of Microtubules in Chinese Hamster V79 Cells in Culture | <b>Vol/Iss:</b> 55 | <b>Pages:</b> 1863-1868 | <b>Date:</b> 05/01/95 |
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|  | 88 | <b>Author:</b> ALGIRE, G.H. et al.<br><u>Publ:</u><br><u>Journal of the National Cancer Institute</u> | <b>Title:</b> Vascular reactions of normal and malignant tumors in vivo. I. Vascular reactions of mice to wounds and to normal and neoplastic transplants | <b>Vol/Iss:</b> 6 | <b>Pages:</b> 73-85 | <b>Date:</b> 08/1945 |
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|                   | 89                    | <b>Author:</b> ALIEV et al.<br><b>Publ:</b><br><u>Chemical Abstracts</u>   | <b>Title:</b> 54929q Synthesis of cycloalkyl derivatives of dihydric phenols and their ethers   |                  |                                |
|                   | 90                    | <b>Author:</b> ANSTEAD et al.<br><b>Publ:</b><br><u>Steroids</u>   | <b>Title:</b> The Estradiol Pharmacophore: Ligand Structure-Estrogen Receptor Binding Affinity Relationships and a Model for the Receptor Binding Site                        | Pages: 370       | Date: 1970                     |
|                   | 91                    | <b>Author:</b> ARNOLDI et al.<br><b>Publ:</b><br><u>Journal of Agric. Food Chem.</u>   | <b>Title:</b> Sweet Isovanillyl Derivatives: Synthesis and Structure-Taste Relationships of Conformationally Restricted Analogs (Abstract only)                               | Vol/Iss: 46(10)  | Pages: 4002-4010 Date: 1998    |
|                   | 92                    | <b>Author:</b> ATTALLA et al.<br><b>Publ:</b><br><u>Biochemical and Biophysical Research Communications</u>  | <b>Title:</b> 2-Methoxyestradiol Arrests Cells in Mitosis without Depolymerizing Tubulin  | Vol/Iss: 228     | Pages: 467-473 Date: 1996      |
|                   | 93                    | <b>Author:</b> ATTALLA et al.<br><b>Publ:</b><br><u>Biochemical and Biophysical Research Communications</u>  | <b>Title:</b> 2-Methoxyestradiol-Induced Phosphorylation of Bcl-2: Uncoupling from JNK/SAPK Activation (Abstract only)  | Vol/Iss: 247 (3) | Pages: 616-619 Date: 6/29/1998 |
|                   | 94                    | <b>Author:</b> AUDIER et al.<br><b>Publ:</b><br><u>Bulletin De La Societe Chimique De France</u>   | <b>Title:</b> Orientation de la fragmentation en spectrometrie de masse par introduction de groupements fonctionnels. VII. - Ethenecetals de ceto-2 steroides                 | Vol/Iss: 10      | Pages: 3088-3090 Date: 1965    |
|                   | 95                    | <b>Author:</b> AYALA et al.<br><b>Publ:</b><br><u>Shock</u>  | <b>Title:</b> The Induction of Accelerated Thymic Programmed Cell Death During Polymicrobial Sepsis: Control by Corticosteroids but not Tumor Necrosis Factor (Abstract only) | Vol/Iss: 3 (4)   | Pages: 259-267 Date: 04/1995   |

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|                   | 96                    | <b>Author:</b> BANIK et al.<br><b>Publ:</b><br><u>Steroids</u>   | <b>Title:</b> Orally Active Long-Acting Estrogen (AY-20,121)<br>(3-(2-propynloxy)-estra-1,3,5,(10)-triene-17. beta.-ol trimethylacetate) (Identifier only) | <b>Vol/Iss:</b> 16 (3) <b>Pages:</b> 289-296   | <b>Date:</b> 1970     |
|                   | 97                    | <b>Author:</b> BARDON et al.<br><b>Publ:</b><br><u>Cancer Research</u>   | <b>Title:</b> Steroid Receptor-Mediated Cytotoxicity of an Antiestrogen and an Antiprogestin in Breast Cancer Cells (Abstract only)                        | <b>Vol/Iss:</b> 47 (5) <b>Pages:</b> 1441-1448 | <b>Date:</b> 03/01/87 |
|                   | 98                    | <b>Author:</b> BARNES et al.<br><b>Publ:</b><br><u>Infection and Immunity</u>  | <b>Title:</b> Tumor Necrosis Factor Production in Patients with Leprosy  | <b>Vol/Iss:</b> 60 (4) <b>Pages:</b> 1441-1446 | <b>Date:</b> 04/1992  |
|                   | 99                    | <b>Author:</b> BINDRA et al.<br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>  | <b>Title:</b> Studies in Antifertility Agents. 8. Seco Steroids. 2. 5,6-Secosteradiol and Some Related Compounds   | <b>Vol/Iss:</b> 18 (9) <b>Pages:</b> 921-925   | <b>Date:</b> 1975     |
|                   | 100                   | <b>Author:</b> BLAGOSKLONNY et al.<br><b>Publ:</b><br><u>Cancer Research</u>   | <b>Title:</b> Raf-1/bcl-2 Phosphorylation: A Step from Microtubule Damage to Cell Death  | <b>Vol/Iss:</b> 57 <b>Pages:</b> 130-135       | <b>Date:</b> 01/01/97 |
|                   | 101                   | <b>Author:</b> BLICKENSTAFF et al.<br><b>Publ:</b><br><u>Steroids</u>  | <b>Title:</b> Synthesis of Some Analogs of Estradiol   | <b>Vol/Iss:</b> 46 (4,5) <b>Pages:</b> 889-902 | <b>Date:</b> 10/1985  |
|                   | 102                   | <b>Author:</b> BOYCE et al.<br><b>Publ:</b><br><u>Unknown</u>  | <b>Title:</b> Some Preliminary Synthetical Studies with 5,6,7,8-Tetra-hydro-8-methylindane -1,5-dione  | <b>Vol/Iss:</b> <b>Pages:</b> 4547-4553        | <b>Date:</b> 1960     |

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First Named Inventor D'Amato

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|                   | 103                   | <b>Author:</b> BRANDI et al. <b>Title:</b> Bone endothelial cells as estrogen targets (Abstract only)<br><br><b>Publ:</b> <u>Calcif. Tissue Int.</u>   | <b>Vol/Iss:</b> 53 (5) <b>Pages:</b> 312-317 <b>Date:</b> 1993         |  |                |
|                   | 104                   | <b>Author:</b> BREM, H. et al. <b>Title:</b> Interstitial chemotherapy with drug polymer implants for the treatment of recurrent gliomas<br><br><b>Publ:</b> <u>Journal of Neurosurgery</u>  | <b>Vol/Iss:</b> 74 <b>Pages:</b> 441-446 <b>Date:</b> 03/01/91         |  |                |
|                   | 105                   | <b>Author:</b> BRODIE, A.M. <b>Title:</b> Aromatase Inhibitors in the Treatment of Breast Cancer (Abstract only)<br><br><b>Publ:</b> <u>Journal of Steroid Biochemistry and Molecular Biology</u>  | <b>Vol/Iss:</b> 49 (4-6) <b>Pages:</b> 281-287 <b>Date:</b> 06/1994    |  |                |
|                   | 106                   | <b>Author:</b> BROSENS et al. <b>Title:</b> Comparative Study of the Estrogenic Effect of Ethinylestradiol and Mestranol on the Endometrium<br><br><b>Publ:</b> <u>Laboratory for Gynecological Physiopathology</u>  | <b>Vol/Iss:</b> 14 (6) <b>Pages:</b> 679-685 <b>Date:</b> 12/01/76     |  |                |
|                   | 107                   | <b>Author:</b> BURROWS, N.P. <b>Title:</b> Thalidomide Modifies Disease<br><br><b>Publ:</b> <u>British Medical Journal</u>   | <b>Vol/Iss:</b> 307 (6909) <b>Pages:</b> 939-940 <b>Date:</b> 10/09/93 |  |                |
|                   | 108                   | <b>Author:</b> CAMBIE et al. <b>Title:</b> Aromatic Steroids. Part II. Chromium Trioxide Oxidation of Some Oestra-1,3,5(10)-trienes<br><br><b>Publ:</b> <u>Journal of the Chemical Society</u>   | <b>Vol/Iss:</b> 9 <b>Pages:</b> 1234-1240 <b>Date:</b> 1969            |  |                |
|                   | 109                   | <b>Author:</b> CAMBIE et al. <b>Title:</b> Aromatic Steroids. Part I. Oxidation Products of 3-Methoxyestra-1,3,5(10)-triene- 17 $\beta$ -yl Acetate<br><br><b>Publ:</b> <u>J. Chem. Soc.</u>   | <b>Vol/Iss:</b> <b>Pages:</b> 2603-2608 <b>Date:</b> 1968              |  |                |

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|  |    |    |    | Group Art Unit         | 1616                      |
|  |    |    |    | Examiner Name          | Badio, Barbara P.         |
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|                   | 110                   | <b>Author:</b> CASTAGNETTA, L. et al. <b>Title:</b> Simple Approach to Measure Metabolic Pathways of Steroids in Living Cells<br><br><b>Publ:</b><br><u>Journal of Chromatography</u>   | <b>Vol/Iss:</b> 572     | <b>Pages:</b> 25-39     | <b>Date:</b> 12/06/91 |
|                   | 111                   | <b>Author:</b> CHASSEROT-GOLAZ et al. <b>Title:</b> Biotransformation of 17.beta.-hydroxy-11.beta.-(4-dimethylaminophenyl) 17.alpha.1-propynyl-estra-4,9-diene-3-one (RU486) in Rat Hepatoma Variants<br><br><b>Publ:</b><br><u>Biochemical Pharmacology</u>                  | <b>Vol/Iss:</b> 46 (11) | <b>Pages:</b> 2100-2103 | <b>Date:</b> 1993     |
|                   | 112                   | <b>Author:</b> CHEN et al. <b>Title:</b> A New Synthetic Route to 2- and 4-Methoxyestradiols by Nucleophilic Substitution<br><br><b>Publ:</b><br><u>Steroids</u>  | <b>Vol/Iss:</b> 47 (1)  | <b>Pages:</b> 63-66     | <b>Date:</b> 01/1986  |
|                   | 113                   | <b>Author:</b> CHEN et al. <b>Title:</b> Synthesis of 11.beta.-(4-dimethylaminophenyl)-17.beta.-hydroxy-17.alpha.-(1-propynyl) estra-4, 9-dien-3-one (RU486) (Identifier only)<br><br><b>Publ:</b><br><u>Nanjing Yaoxueyuan Xuebao</u>  | <b>Vol/Iss:</b> 17 (4)  | <b>Pages:</b> 282-285   | <b>Date:</b> 1986     |
|                   | 114                   | <b>Author:</b> COHEN et al. <b>Title:</b> Novel Total Synthesis of (+)-Estrone 3-Methyl Ether, (+)-13β-Ethyl-3-methoxygona-1,3,5(10)-trien-17-one, and (+)-Equilenin 3-Methyl Ether<br><br><b>Publ:</b><br><u>The Journal of Organic Chemistry</u>                            | <b>Vol/Iss:</b> 40 (6)  | <b>Pages:</b> 681-685   | <b>Date:</b> 03/21/75 |
|                   | 115                   | <b>Author:</b> COLLINS et al. <b>Title:</b> The Structure and Function of Estrogens. XI. Synthesis of (+/-)-7(8-11α)-abeo-Estradiol and its 9,11-Didehydro Derivative<br><br><b>Publ:</b><br><u>Aust. Journal of Chemistry</u>  | <b>Vol/Iss:</b> 45 (1)  | <b>Pages:</b> 71-97     | <b>Date:</b> 1992     |
|                   | 116                   | <b>Author:</b> COREY et al. <b>Title:</b> Applications of N,N-Dimethylhydrazones to Synthesis. Use in Efficient, Positionally and Stereochemically Selective C-C Bond Formation; Oxidative Hydrolysis to Carbonyl Compounds<br><br><b>Publ:</b><br><u>Tetrahedron Letters</u> | <b>Vol/Iss:</b> 1       | <b>Pages:</b> 3-6       | <b>Date:</b> 1976     |

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| Examiner Name        | Badio, Barbara P. |

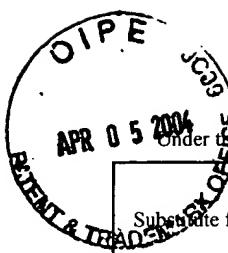
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|                   | 117                   | <b>Author:</b> COREY et al.<br><br><b>Publ:</b><br><u>Tetrahedron Letters</u>  | <b>Title:</b> Facile Conversion of N,N-Dimethylhydrazones to Cabonyl Compounds by Cupric Ion-Catalyzed Hydrolysis  |                          |                         |
|                   |                       |  | <b>Vol/Iss:</b> 41   | <b>Pages:</b> 36678-3668 | <b>Date:</b> 1976       |
|                   | 118                   | <b>Author:</b> CRABBE, P.<br><br><b>Publ:</b><br><u>Chem. Ind.</u>   | <b>Title:</b> Cotton effect of the styrene chromophore (Abstract only)   |                          |                         |
|                   |                       |  | <b>Vol/Iss:</b> 27   | <b>Pages:</b> 917-918    | <b>Date:</b> 1969       |
|                   | 119                   | <b>Author:</b> CUMMINGS et al.<br><br><b>Publ:</b><br><u>The American Journal of Surgical Pathology</u>  | <b>Title:</b> Apoptosis  |                          |                         |
|                   |                       |  | <b>Vol/Iss:</b> 21 (1)   | <b>Pages:</b> 88-101     | <b>Date:</b> 1997       |
|                   | 120                   | <b>Author:</b> CUSHMAN et al.<br><br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>   | <b>Title:</b> Synthesis, Antitubulin and Antimitotic Activity, and Cytotoxicity of Analogs of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite of Estradiol that Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site |                          |                         |
|                   |                       |  | <b>Vol/Iss:</b> 38 (12)  | <b>Pages:</b> 2041-2049  | <b>Date:</b> 06/09/95   |
|                   | 121                   | <b>Author:</b> CUSHMAN et al.<br><br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>   | <b>Title:</b> Synthesis of Analogs of 2-Methoxyestradiol with Enhanced Inhibitory Effects on Tubulin Polymerization and Cancer Cell Growth   |                          |                         |
|                   |                       |  | <b>Vol/Iss:</b> 40 (15)  | <b>Pages:</b> 2323-2334  | <b>Date:</b> 1997       |
|                   | 122                   | <b>Author:</b> D'AMATO et al.<br><br><b>Publ:</b><br><u>Proceedings of the National Academy of Science USA</u>   | <b>Title:</b> 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, Inhibits Tubulin Polymerization by Interacting at the Colchicine Site  |                          |                         |
|                   |                       |  | <b>Vol/Iss:</b> 91   | <b>Pages:</b> 3964-3968  | <b>Date:</b> 04/26/1994 |
|                   | 123                   | <b>Author:</b> D'AMATO, R.J. et al.<br><br><b>Publ:</b><br><u>Proceedings of the National Academy of Science USA</u>   | <b>Title:</b> Thalidomide is an Inhibitor of Angiogenesis  |                          |                         |
|                   |                       |  | <b>Vol/Iss:</b> 91   | <b>Pages:</b> 4082-4085  | <b>Date:</b> 04/01/94   |

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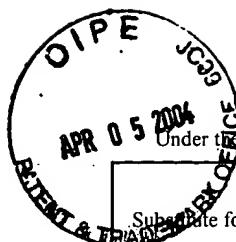
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|                              |  |  |  | Application No.        | 09/780,650                |
|                              |  |  |  | Filing Date            | 02/12/2001                |
|                              |  |  |  | First Named Inventor   | D'Amato                   |
|                              |  |  |  | Group Art Unit         | 1616                      |
|                              |  |  |  | Examiner Name          | Badio, Barbara P.         |
|                              |  |  |  | Attorney Docket Number | 05213-0493 (43170-253692) |

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|-------------------|-----------------------|--|--|--|--------------|
|                   | 124                   | <b>Author:</b> DING et al.<br><b>Publ:</b><br><u>Endocrinology</u>   | <b>Title:</b> Sex Hormone-Binding Globulin Mediates Prostate Androgen Receptor Action via a Novel Signaling Pathway (Abstract only)                                | <b>Vol/Iss:</b> 139 (1) <b>Pages:</b> 213-218 <b>Date:</b> 1998    |              |
|                   | 125                   | <b>Author:</b> DURANI et al.<br><b>Publ:</b><br><u>Journal of Steroid Biochemistry</u>   | <b>Title:</b> Seco-Oestradiols and Some Non-Steroidal Oestrogens: Structural Correlates of Oestrogenic Action  | <b>Vol/Iss:</b> 11 <b>Pages:</b> 67-77 <b>Date:</b> 1979           |              |
|                   | 126                   | <b>Author:</b> DVIR et al.<br><b>Publ:</b><br><u>Journal of Chromatography</u>   | <b>Title:</b> Thin-layer Chromatography of DANSYL-oestrogens   | <b>Vol/Iss:</b> 52 <b>Pages:</b> 505-506 <b>Date:</b> 11/04/70     |              |
|                   | 127                   | <b>Author:</b> EDER et al.<br><b>Publ:</b><br><u>Chem. Ber.</u>  | <b>Title:</b> Synthese von Ostradiol (in German - No translation available)  | <b>Vol/Iss:</b> 109 <b>Pages:</b> 2948-2953 <b>Date:</b> 1976      |              |
|                   | 128                   | <b>Author:</b> EL-TOMBARY .<br><b>Publ:</b><br><u>Arch. Pharm. Pharm. Med. Chem.</u>   | <b>Title:</b> Synthesis, Uterotropic, And Antiuterotropic Activities of Some Estradiol Derivatives Containing Thiadiazole, Thiazoline, and Thiazolidinone Moieties | <b>Vol/Iss:</b> 330 (9-10) <b>Pages:</b> 295-302 <b>Date:</b> 1997 |              |
|                   | 129                   | <b>Author:</b> EMONS et al.<br><b>Publ:</b><br><u>FOCUS MHL</u>  | <b>Title:</b> Modulation der hypophysaren Sekretion von Luteinisierendem Hormon (LH) durch Ostrogene   | <b>Vol/Iss:</b> 3 <b>Pages:</b> 221-228 <b>Date:</b> 1986          |              |
|                   | 130                   | <b>Author:</b> EPE et al.<br><b>Publ:</b><br><u>Mechanisms of Chromosome Distribution and Aneuploidy</u>   | <b>Title:</b> Microtubular Proteins as Cellular Targets for Carcinogenic Estrogens and Other Carcinogens   | <b>Vol/Iss:</b> <b>Pages:</b> 345-351 <b>Date:</b> 1989            |              |

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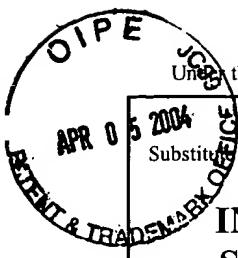
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|                   | 131                   | <b>Author:</b> FANCHENKO et al.<br><br><b>Publ:</b><br><u>Bull. Eksp. Biol. Med.</u>   | <b>Title:</b> Characteristics of the guinea pig uterus estrogen receptor system (Abstract only)                     |                         |                       |
|                   | 132                   | <b>Author:</b> FETIZON et al.<br><br><b>Publ:</b><br><u>Bull. Soc. Chim. FR.</u>   | <b>Title:</b> Synthesis of 2-keto steroids (Abstract only)  |                         |                       |
|                   | 133                   | <b>Author:</b> FEVIG et al.<br><br><b>Publ:</b><br><u>Journal of Organic Chemistry</u>   | <b>Title:</b> A Short, Stereoselective Route to 16 $\alpha$ (Substituted-alkyl)estradiol Derivatives                |                         |                       |
|                   | 134                   | <b>Author:</b> FIELD et al.<br><br><b>Publ:</b><br><u>Nature</u>   | <b>Title:</b> Effect of Thalidomide on the Graft versus Host Reaction   |                         |                       |
|                   | 135                   | <b>Author:</b> FIESER et al.<br><br><b>Publ:</b><br><u>Organic Synthesis Collective Volume 3</u>   | <b>Title:</b> N-Methylformanilide   |                         |                       |
|                   | 136                   | <b>Author:</b> FISHMAN, J.<br><br><b>Publ:</b><br><u>Journal of the American Chemical Society</u>  | <b>Title:</b> Synthesis of 2-Methoxyestrogens   |                         |                       |
|                   | 137                   | <b>Author:</b> FLOHE et al.<br><br><b>Publ:</b><br><u>Arzneimitte/Forschung (Germany West)</u>   | <b>Title:</b> Studies on the Hypothetical Relationship of Thalidomide-induced Embryopathy and Collagen Biosynthesis |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 85 (4)  | <b>Pages:</b> 467-470   | <b>Date:</b> 1978     |
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|                   |                       |  | <b>Vol/Iss:</b> 52  | <b>Pages:</b> 247-251   | <b>Date:</b> 1987     |
|                   |                       |  | <b>Vol/Iss:</b> 211 (5055)  | <b>Pages:</b> 1308-1310 | <b>Date:</b> 09/17/66 |
|                   |                       |  | <b>Vol/Iss:</b> 3   | <b>Pages:</b> 590-591   | <b>Date:</b> 1955     |
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|       |    |    |    | Filing Date            | 02/12/2001                |
|       |    |    |    | First Named Inventor   | D'Amato                   |
|       |    |    |    | Group Art Unit         | 1616                      |
|       |    |    |    | Examiner Name          | Badio, Barbara P.         |
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|-------------------|-----------------------|--|--|-------------------------|-----------------------|
|                   | 138                   | <b>Author:</b> FOLKMAN et al.<br><b>Publ:</b><br><u>Science</u>  | <b>Title:</b> Angiogenesis Inhibition and Tumor Regression Caused by Heparin or a Heparin Fragment in the Presence of Cortisone                            |                         |                       |
|                   | 139                   | <b>Author:</b> FOLKMAN, J.<br><b>Publ:</b><br><u>New England Journal of Medicine</u>   | <b>Title:</b> Tumor Angiogenesis: Therapeutic Implications   | <b>Pages:</b> 719-725   | <b>Date:</b> 08/19/83 |
|                   | 140                   | <b>Author:</b> FOLKMAN, J. et al.<br><b>Publ:</b><br><u>Nature</u>   | <b>Title:</b> Induction of Angiogenesis During the Transition from Hyperplasia to Neoplasia  |                         |                       |
|                   | 141                   | <b>Author:</b> FOLKMAN, J. et al.<br><b>Publ:</b><br><u>Annals of Surgery</u>  | <b>Title:</b> Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment | <b>Pages:</b> 58-61     | <b>Date:</b> 05/04/89 |
|                   | 142                   | <b>Author:</b> FOTSISS et al.<br><b>Publ:</b><br><u>Nature</u>   | <b>Title:</b> The Endogenous Oestrogen Metabolite 2-Methoxyoestradiol Inhibits Angiogenesis and Suppresses Tumour Growth                                   | <b>Pages:</b> 237-239   | <b>Date:</b> 03/17/94 |
|                   | 143                   | <b>Author:</b> GADOSY et al.<br><b>Publ:</b><br><u>Journal of Physical Chemistry</u>   | <b>Title:</b> Generation, Characterization, and Deprotonation of Phenol Radical Cations  | <b>Pages:</b> 8834-8839 | <b>Date:</b> 1999     |
|                   | 144                   | <b>Author:</b> GANDHI et al.<br><b>Publ:</b><br><u>Journal of Indian Chem. Soc.</u>  | <b>Title:</b> Mannich Reaction of Estrone  | <b>Pages:</b> 306-308   | <b>Date:</b> 1962     |

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| First Named Inventor | D'Amato            |
| Group Art Unit       | 1616               |
| Examiner Name        | Barrio, Barbara P. |

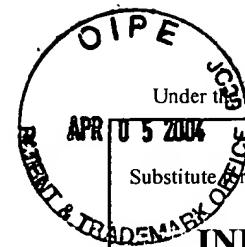
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|-------------------|-----------------------|--|--|---|----------------|
|                   | 145                   | <b>Author:</b> GASLINI et al.<br><b>Publ:</b><br><u>Journal of Organic Chemistry</u>   | <b>Title:</b> Reaction of Eugenol with Synthesis Gas. Synthesis of 5,6,7,8-Tetrahydro-3-methoxy-2-naphthol |   |                |
|                   | 146                   | <b>Author:</b> GIMBRONE, M.A. et al.<br><b>Publ:</b><br><u>Journal of the National Cancer Institute</u>  | <b>Title:</b> Tumor Growth and Neovascularization: An Experimental Model Using the Rabbit Cornea           | <b>Vol/Iss:</b> 29 (5) <b>Pages:</b> 1177-1180 <b>Date:</b> 05/1964 |                |
|                   | 147                   | <b>Author:</b> GIMBRONE, M.A. et al.<br><b>Publ:</b><br><u>Journal of Experimental Medicine</u>  | <b>Title:</b> Tumor dormancy <i>in vivo</i> by Prevention of Neovascularization                            | <b>Vol/Iss:</b> 136 <b>Pages:</b> 261-276 <b>Date:</b> 1972         |                |
|                   | 148                   | <b>Author:</b> GONZALEZ et al.<br><b>Publ:</b><br><u>Steroids</u>  | <b>Title:</b> Synthesis and Pharmacological Evaluation of 8 $\alpha$ -Estradiol Derivatives                | <b>Vol/Iss:</b> 40 (2) <b>Pages:</b> 171-187 <b>Date:</b> 9/1982    |                |
|                   | 149                   | <b>Author:</b> GROSS, J.L. et al.<br><b>Publ:</b><br><u>Proceedings of the American Association of Cancer Research</u>   | <b>Title:</b> Modulation of Solid Tumor Growth <i>in vivo</i> by bFGF (Abstract only)                      | <b>Vol/Iss:</b> 31 <b>Pages:</b> 79 <b>Date:</b> 03/90              |                |
|                   | 150                   | <b>Author:</b> GUJJAR et al.<br><b>Publ:</b><br><u>Annals of Clinical and Laboratory Science</u>   | <b>Title:</b> The Effect of Estradiol on Candida albicans Growth   | <b>Vol/Iss:</b> 27 (2) <b>Pages:</b> 151-156 <b>Date:</b> 1997      |                |
|                   | 151                   | <b>Author:</b> GUNZLER, V.<br><b>Publ:</b><br><u>Medical Hypothesis</u>  | <b>Title:</b> Thalidomide-A Therapy for the Immunological Consequences of HIV Infection?                   | <b>Vol/Iss:</b> 30 (2) <b>Pages:</b> 105-109 <b>Date:</b> 10/89     |                |

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|                   | 152                   | <b>Author:</b> GUPTA et al.<br><b>Publ:</b> <u>Indian Journal of Chemistry</u>   | <b>Title:</b> Antifertility Agents. XIV. Secosteroids. VII. Synthesis of 2 $\alpha$ -and 2 $\beta$ , 6 $\beta$ -dimethyl- 3 $\beta$ -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7-ones and some related compounds (Abstract only)   | <b>Vol/Iss:</b> 13 (7) <b>Pages:</b> 759-760 <b>Date:</b> 1975     |                |
|                   | 153                   | <b>Author:</b> GUPTA et al.<br><b>Publ:</b> <u>Indian Journal of Chemistry</u>   | <b>Title:</b> Studies in Antifertility Agents. Part XVIII. 2 $\alpha$ 6 $\beta$ -Diethyl-3 $\beta$ -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7 $\beta$ -ol and 6 $\beta$ -methyl-3 $\beta$ -(p-hydroxyphenyl)-2 $\alpha$ -propyl- trans-bicyclo[4.3.0]nonan-7 $\beta$ -ol (Abstract only) | <b>Vol/Iss:</b> 19B (10) <b>Pages:</b> 886-890 <b>Date:</b> 1980   |                |
|                   | 154                   | <b>Author:</b> GUTIERREZ-RODRIGUEZ et al.<br><b>Publ:</b> <u>The Journal of Rheumatology</u>   | <b>Title:</b> Treatment of Refractory Rheumatoid Arthritis - The Thalidomide Experience  | <b>Vol/Iss:</b> 16 (2) <b>Pages:</b> 158-163 <b>Date:</b> 02/89    |                |
|                   | 155                   | <b>Author:</b> GUTIERREZ-RODRIGUEZ, O.<br><b>Publ:</b> <u>Arthritis and Rheumatism</u>   | <b>Title:</b> Thalidomide - A Promising New Treatment for Rheumatoid Arthritis   | <b>Vol/Iss:</b> 27 (10) <b>Pages:</b> 1118-1121 <b>Date:</b> 10/84 |                |
|                   | 156                   | <b>Author:</b> HAHNEL et al.<br><b>Publ:</b> <u>Journal of Steroid Biochemistry</u>  | <b>Title:</b> The Specificity of the Estrogen Receptor of Human Uterus   | <b>Vol/Iss:</b> 4 <b>Pages:</b> 21-31 <b>Date:</b> 1973            |                |
|                   | 157                   | <b>Author:</b> HALDAR et al.<br><b>Publ:</b> <u>Cancer Research</u>  | <b>Title:</b> Bc12 is the Guardian of Microtubule Integrity  | <b>Vol/Iss:</b> 57 <b>Pages:</b> 229-233 <b>Date:</b> 01/15/97     |                |
|                   | 158                   | <b>Author:</b> HAMEL et al.<br><b>Publ:</b> <u>Biochemistry</u>  | <b>Title:</b> Interactions of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, with Unpolymerized Tubulin and with Tubulin Polymers (Abstract only)   | <b>Vol/Iss:</b> 35 (4) <b>Pages:</b> 1304-1310 <b>Date:</b> 1996   |                |

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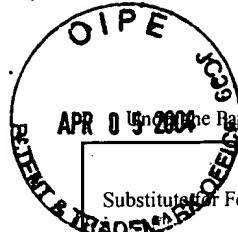
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|                   | 159                   | <b>Author:</b> HANDLEY et al.<br><b>Publ:</b><br><u>British Journal of Dermatology</u>   | <b>Title:</b> Chronic bullous disease of childhood and ulcerative colitis  |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 127 (40)   | <b>Pages:</b> 67-68     | <b>Date:</b> 07/01/92 |
|                   | 160                   | <b>Author:</b> HE et al.<br><b>Publ:</b><br><u>Bioorganic &amp; Medicinal Chemistry Letters</u>  | <b>Title:</b> A Versatile Synthesis of 2-Methoxyestradiol, an Endogenous Metabolite of Estradiol which Inhibits Tubulin Polymerization by Binding to the Colchicine Biding Site                    |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 4 (14)   | <b>Pages:</b> 1724-1728 | <b>Date:</b> 1994     |
|                   | 161                   | <b>Author:</b> HE et al.<br><b>Publ:</b><br><u>Bioorganic &amp; Medicinal Chemistry Letters</u>  | <b>Title:</b> Novel Cytokine Release Inhibitors. PartII Steroids   |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 8  | <b>Pages:</b> 2825-2828 | <b>Date:</b> 1998     |
|                   | 162                   | <b>Author:</b> HEJAZ et al.<br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>   | <b>Title:</b> Synthesis and Biological Activity of the Superestrogen (E)-17-Oximino-3-O-sulfamoyl-1,3,5(10)-estratriene: X-ray Crystal Structure of (E)-17-Oximino-3-hydroxy-1,3,5(10)-estratriene |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 42 (16)  | <b>Pages:</b> 3188-3192 | <b>Date:</b> 1999     |
|                   | 163                   | <b>Author:</b> HENRY et al.<br><b>Publ:</b><br><u>British Journal of Haematology</u>   | <b>Title:</b> Thalidomide treatment for chronic graft-versus-host disease  |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 78 (1)   | <b>Pages:</b> 23-27     | <b>Date:</b> 05/91    |
|                   | 164                   | <b>Author:</b> HOLKER et al.<br><b>Publ:</b><br><u>J. Chem. Soc. Perkin Trans.</u>   | <b>Title:</b> The Reactions of Estrogens with Benzeneseleninic Anhydride and Hexamethyldisilazane  |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> I  | <b>Pages:</b> 1915-1918 | <b>Date:</b> 1982     |
|                   | 165                   | <b>Author:</b> HORI, A. et al.<br><b>Publ:</b><br><u>Cancer Research</u>   | <b>Title:</b> Suppression of Solid Tumor Growth by Immunoneutralizing Monoclonal Antibody Against Human Basic Fibroblasts Growth Factor  |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 51   | <b>Pages:</b> 6180-6184 | <b>Date:</b> 11/15/91 |

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.



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|       |    |    |    | Application No.        | 09/780,650                |
|       |    |    |    | Filing Date            | 02/12/2001                |
|       |    |    |    | First Named Inventor   | D'Amato                   |
|       |    |    |    | Group Art Unit         | 1616                      |
|       |    |    |    | Examiner Name          | Barbo, Barbara P.         |
| Sheet | 19 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |

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|-------------------|-----------------------|--|---|--|----------------|
|                   | 166                   | <b>Author:</b> HU, G.<br><b>Publ:</b><br><u>Proceedings of the National Academy of Sciences, USA</u>   | <b>Title:</b> Neomycin Inhibits Angiogenin-induced Angiogenesis (abstract Only)   |  |                |
|                   | 167                   | <b>Author:</b> IKEGAWA et al.<br><b>Publ:</b><br><u>Biomed. Chromatogr.</u>  | <b>Title:</b> Immunoaffinity extraction for liquid chromatographic determination of equulin and its metabolites in plasma (Abstract only)   |  |                |
|                   | 168                   | <b>Author:</b> IMAMURA et al.<br><b>Publ:</b><br><u>USPATFULL 76:20259 US 3,950,437</u>  | <b>Title:</b> Method for Manufacture of Dihydric Phenols (Abstract only)  |  |                |
|                   | 169                   | <b>Author:</b> INGBER, D. et al.<br><b>Publ:</b><br><u>Nature</u>  | <b>Title:</b> Synthetic analogues of fumagillin that inhibit angiogenesis and suppress tumor growth   |  |                |
|                   | 170                   | <b>Author:</b> IRIARTE et al.<br><b>Publ:</b><br><u>Tetrahedron</u>  | <b>Title:</b> Steroids (XCIV). Synthesis of 2-methyl and 1,2-dimethyl estrogens (Abstract only)   |  |                |
|                   | 171                   | <b>Author:</b> JAGGERS et al.<br><b>Publ:</b><br><u>Journal of Endocrinology</u>   | <b>Title:</b> Potent Inhibitory Effects of Steroids in an in vitro Model of Angiogenesis (Abstract only)  |  |                |
|                   | 172                   | <b>Author:</b> JHINGRAN et al.<br><b>Publ:</b><br><u>Steroids</u>  | <b>Title:</b> Studies in Antifertility Agents - Part XLI: Secosteroids-x: Syntheses of Various Stereoisomers of (+)-2,6β-diethyl-7α-ethynyl-3-(p-hydroxyphenyl)-trans-bicyclo [4.3.0]nonan-7β-ol. |  |                |

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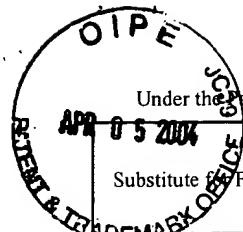
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|                                |    |    |    | First Named Inventor   | D'Amato                   |
|                                |    |    |    | Group Art Unit         | 1616                      |
|                                |    |    |    | Examiner Name          | Badio, Barbara P.         |
| Sheet                          | 20 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |

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|-------------------|-----------------------|--|---|-------------------------|-------------------------|
|                   | 173                   | <b>Author:</b> JOSEFSSON et al.<br><br><b>Publ:</b><br><u>Arthritis &amp; Rheumatism</u>   | <b>Title:</b> Suppression of Type II Collagen-Induced Arthritis by the Endogenous Estrogen Metabolite 2-Methoxyestradiol  |                         |                         |
|                   | 174                   | <b>Author:</b> KABARITY et al.<br><br><b>Publ:</b><br><u>Mutation Research</u>   | <b>Title:</b> Further Investigations on the cytological effects of some contraceptives  |                         |                         |
|                   | 175                   | <b>Author:</b> KARWAT<br><br><b>Publ:</b><br><u>Caplus DE 1103310</u>  | <b>Title:</b> Separation and Recovery of Hydrogen Sulfide from Hydrocarbon Mixture  |                         |                         |
|                   | 176                   | <b>Author:</b> KATAOKA et al.<br><br><b>Publ:</b><br><u>Cancer Research</u>  | <b>Title:</b> An Agent that Increases Tumor Suppressor Transgene Product Coupled with Systemic Transgene Delivery Inhibits Growth of Metastatic Lung Cancer in Vivo (Abstract only) |                         |                         |
|                   | 177                   | <b>Author:</b> KELLY et al.<br><br><b>Publ:</b><br><u>Journal of Clinical Endocrinology Metabolism</u>   | <b>Title:</b> The Stimulation of Prostaglandin Production by Two Antiprogestrone Steroids in Human Endometrial Cells (Abstract only)  |                         |                         |
|                   | 178                   | <b>Author:</b> KIM, K.J. et al.<br><br><b>Publ:</b><br><u>Nature</u>   | <b>Title:</b> Inhibition of Vascular Endothelial Growth Factor-induced Angiogenesis Suppresses Tumor Growth In Vivo   |                         |                         |
|                   | 179                   | <b>Author:</b> KLAUBER et al.<br><br><b>Publ:</b><br><u>Cancer Research</u>  | <b>Title:</b> Inhibition of Angiogenesis and Breast Cancer in Mice by the Microtubule Inhibitors 2-Methoxyestradiol and Taxol   |                         |                         |
|                   |                       |  | <b>Vol/Iss:</b> 40 (1)  | <b>Pages:</b> 154-163   | <b>Date:</b> 01/1997    |
|                   |                       |  | <b>Vol/Iss:</b> 135   | <b>Pages:</b> 181-188   | <b>Date:</b> 1984       |
|                   |                       |  | <b>Vol/Iss:</b>   | <b>Pages:</b>           | <b>Date:</b> 09/02/1959 |
|                   |                       |  | <b>Vol/Iss:</b> 58 (21)   | <b>Pages:</b> 4761-4765 | <b>Date:</b> 11/1998    |
|                   |                       |  | <b>Vol/Iss:</b> 62 (6)  | <b>Pages:</b> 1116-1123 | <b>Date:</b> 06/1986    |
|                   |                       |  | <b>Vol/Iss:</b> 362   | <b>Pages:</b> 841-844   | <b>Date:</b> 04/29/93   |
|                   |                       |  | <b>Vol/Iss:</b> 57  | <b>Pages:</b> 81-86     | <b>Date:</b> 01/01/97   |

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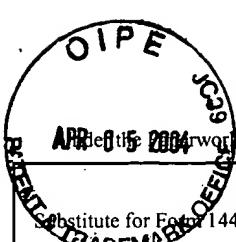
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|                           |    |    |    | Application No.        | 09/780,650        |
|                           |    |    |    | Filing Date            | 02/12/2001        |
|                           |    |    |    | First Named Inventor   | D'Amato           |
|                           |    |    |    | Group Art Unit         | 1616              |
|                           |    |    |    | Examiner Name          | Badio, Barbara P. |
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|-------------------|-----------------------|--|---|-----------------------|----------------------|--------------|--|
|                   | 180                   | <b>Author:</b> KNIGHTON, D. et al.<br><br><b>Publ:</b><br><u>British Journal of Cancer</u>   | <b>Title:</b> Avascular and Vascular Phases of Tumour Growth in the Chick Embryo  |                       |                      |              |  |
|                   | 181                   | <b>Author:</b> KOLE et al.<br><br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>  | <b>Title:</b> Studies in Antifertility Agents. 11. Secosteroids. 5. Synthesis of 9,11-Secoestradiol   |                       |                      |              |  |
|                   | 182                   | <b>Author:</b> KOVACS et al.<br><br><b>Publ:</b><br><u>Acta Phys.Chem.</u>   | <b>Title:</b> Steroids. XXIII. Synthesis of 2- and 4-hydroxy and 2,4-dihydroxy derivatives of estrone and estradiol (Abstract only)   |                       |                      |              |  |
|                   | 183                   | <b>Author:</b> LEBRAS, J. et al.<br><br><b>Publ:</b><br><u>Organometallics</u>   | <b>Title:</b> Activation and Regioselective Ortho-Functionalization of the A-Ring of B-Estradiol Promoted by "Cp*Ir": An Efficient Organometallic Procedure for the Synthesis of 2-Methoxyestradiol |                       |                      |              |  |
|                   | 184                   | <b>Author:</b> LEWIS, Richard J.<br><br><b>Publ:</b><br><u>Hawley's Condensed Chemical Dictionary</u>  | <b>Title:</b>   |                       |                      |              |  |
|                   | 185                   | <b>Author:</b> LEWIS, Richard J.<br><br><b>Publ:</b><br><u>Hawley's Condensed Chemical Dictionary</u>  | <b>Title:</b>   |                       |                      |              |  |
|                   | 186                   | <b>Author:</b> LI, J., et al.<br><br><b>Publ:</b><br><u>CAPLUS; Molecular Pharmacology</u>   | <b>Title:</b> (DN 103:65176) Catechol Formation of Fluoro- and Bromo-substituted Estradiols by Hamster Liver Microsomes. Evidence for Dehalogenation. (Abstract only)                               |                       |                      |              |  |
|                   |                       |  | <b>Vol/Iss:</b> 27 (5)  | <b>Pages:</b> 559-565 | <b>Date:</b> 1985    |              |  |
|                   |                       |  | <b>Vol/Iss:</b>   | <b>Pages:</b> 128-129 | <b>Date:</b> 01/1993 |              |  |
|                   |                       |  | <b>Vol/Iss:</b>   | <b>Pages:</b> 577     | <b>Date:</b> 01/1993 |              |  |

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| Application No.      | 09/780,650        |
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| First Named Inventor | D'Amato           |
| Group Art Unit       | 1616              |
| Examiner Name        | Badio, Barbara P. |

Sheet

22 of 31

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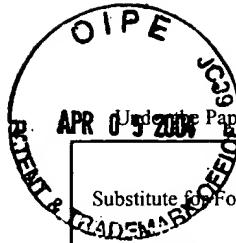
05213-0493 (43170-253692)

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|-------------------|-----------------------|--|--------------------------|-------------------------|----------------------|
|                   | 187                   | <b>Author:</b> LICHTENAUER et al. <b>Title:</b> Zur Behandlung des Prostata-Karzinoms<br><b>Publ:</b><br><u>Deutsches medizinisches Journal</u>  | <b>Vol/Iss:</b> 23       | <b>Pages:</b> 248-249   | <b>Date:</b> 01/1972 |
|                   | 188                   | <b>Author:</b> LIEN, W. et al. <b>Title:</b> The blood supply of experimental liver metastases. II. A Microcirculatory study of the normal and tumor vessels of the liver with the use of perfused silicone rubber<br><b>Publ:</b><br><u>Surgery</u>           | <b>Vol/Iss:</b> 68 (2)   | <b>Pages:</b> 334-340   | <b>Date:</b> 08/1970 |
|                   | 189                   | <b>Author:</b> LIMANTSEV et al. <b>Title:</b> Effect of some estrogen structural analogs on the development of the mouse embryo (Abstract only)<br><b>Publ:</b><br><u>Akush Jinekol.</u>   | <b>Vol/Iss:</b> 6        | <b>Pages:</b> 55-56     | <b>Date:</b> 1982    |
|                   | 190                   | <b>Author:</b> LIU et al. <b>Title:</b> Total Synthesis of (+-) -Δ <sup>9(12)</sup> -Capnellene<br><b>Publ:</b><br><u>Tetrahedron Letters</u>  | <b>Vol/Iss:</b> 26 (40)  | <b>Pages:</b> 4847-4850 | <b>Date:</b> 1985    |
|                   | 191                   | <b>Author:</b> LOOZEN et al. <b>Title:</b> An approach to the synthesis of 7.β-amino estrogens (Abstract only)<br><b>Publ:</b><br><u>Recl.: J.R. Neth.Chem. Soc.</u>   | <b>Vol/Iss:</b> 102 (10) | <b>Pages:</b> 433-437   | <b>Date:</b> 1983    |
|                   | 192                   | <b>Author:</b> LOTTERING et al. <b>Title:</b> 17β-Estradiol Metabolites Affect Some Regulators of the MCF-7 Cell Cycle<br><b>Publ:</b><br><u>Cancer Letters</u>  | <b>Vol/Iss:</b> 110      | <b>Pages:</b> 181-186   | <b>Date:</b> 1996    |
|                   | 193                   | <b>Author:</b> LOVELY et al. <b>Title:</b> 2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation<br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>  | <b>Vol/Iss:</b> 39       | <b>Pages:</b> 1917-1923 | <b>Date:</b> 1996    |

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|                           |    |    |    | Group Art Unit         | 1616               |
|                           |    |    |    | Examiner Name          | Barrio, Barbara P. |
| Sheet                     | 23 | of | 31 | Attorney Docket Number |                    |
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|-------------------|-----------------------|--|---|--|--------------|
|                   | 194                   | <b>Author:</b> LUO et al.<br><b>Publ:</b><br><u>Chemical Abstracts</u>   | <b>Title:</b> Effect of Components of Crowth Ether Copper(I)iodide Mixed Catalyst on Nucleophilic Substitution of Bromoestrogen (Abstract No. 195225) |  |              |
|                   | 195                   | <b>Author:</b> MARO et al.<br><b>Publ:</b><br><u>Journal of Embryology and Experimental Morphology</u>   | <b>Title:</b> Mechanism of Polar Body Formation in the Mouse Oocyte: An Interaction Between the Chromosomes, the Cytoskeleton and the Plasma Membrane | <b>Vol/Iss:</b> 111 (21) <b>Pages:</b> 818, Column 1 <b>Date:</b> 11/20/89 |              |
|                   | 196                   | <b>Author:</b> MAYOL et al.<br><b>Publ:</b><br><u>Carcinogenesis</u>   | <b>Title:</b> Ethynodiol-Induced Cell Proliferation in Rat Liver Involvement of Specific Populations of Hepatocytes (Abstract only)                   | <b>Vol/Iss:</b> 13 (12) <b>Pages:</b> 2381-2388 <b>Date:</b> 1992          |              |
|                   | 197                   | <b>Author:</b> MEIKRANTZ et al.<br><b>Publ:</b><br><u>Journal of Cellular Biochemistry</u>   | <b>Title:</b> Apoptosis and the Cell Cycle  | <b>Vol/Iss:</b> 58 (2) <b>Pages:</b> 160-174 <b>Date:</b> 06/1995          |              |
|                   | 198                   | <b>Author:</b> MEZA et al.<br><b>Publ:</b><br><u>Drug Therapy</u>  | <b>Title:</b> Managing the Gastrointestinal Complications of AIDS   | <b>Vol/Iss:</b> 23 (11) <b>Pages:</b> 74-83 <b>Date:</b> 11/1993           |              |
|                   | 199                   | <b>Author:</b> MICHEL et al.<br><b>Publ:</b><br><u>Biochem. Pharmacol.</u>   | <b>Title:</b> Inhibition of synaptosomal high-affinity uptake of dopamine and serotonin by estrogen agonists and antagonists (Abstract only)          | <b>Vol/Iss:</b> 36 (19) <b>Pages:</b> 3175-3180 <b>Date:</b> 1987          |              |
|                   | 200                   | <b>Author:</b> MILLER et al.<br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>  | <b>Title:</b> Synthesis and Structure-Activity Profiles of A-Homoestrane, the Estratropones   | <b>Vol/Iss:</b> 40 <b>Pages:</b> 3836-3841 <b>Date:</b> 1997               |              |

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Application No. 09/780,650

Filing Date 02/12/2001

First Named Inventor D'Amato

Group Art Unit 1616

Examiner Name Badio, Barbara P.

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Attorney Docket Number

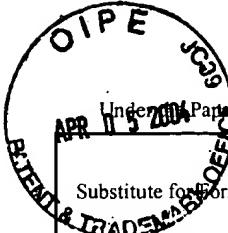
05213-0493 (43170-253692)

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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| Examiner Initials | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |  |                         | T <sup>2</sup>       |
|                   | 201                   | <b>Author:</b> MILLER, Thomas<br><br><b>Publ:</b><br><u>Dissertations Abstracts International</u>  | <b>Title:</b> Tubulin as a Therapeutic Target (Abstract only)  |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 5907B  | <b>Pages:</b> 3454      | <b>Date:</b> 1998    |
|                   | 202                   | <b>Author:</b> MORISAKI et al.<br><br><b>Publ:</b><br><u>Chem. Pharm. Bull.</u>  | <b>Title:</b> Steroids. L1. Aromatization reaction of the cross-conjugated dienone system by Zinc 9. (Abstract only)                             |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 14 (8)   | <b>Pages:</b> 866-872   | <b>Date:</b> 1966    |
|                   | 203                   | <b>Author:</b> MUKHOPADHYAY et al.<br><br><b>Publ:</b><br><u>Oncogene</u>  | <b>Title:</b> Induction of Apoptosis in Human Lung Cancer Cells after Wild-Type p53 Activation by Methoxyestradiol                               |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 14   | <b>Pages:</b> 379-384   | <b>Date:</b> 1997    |
|                   | 204                   | <b>Author:</b> NAAFS et al.<br><br><b>Publ:</b><br><u>International Journal of Dermatology</u>   | <b>Title:</b> Thalidomide Therapy An Open Trial  |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 24 (2)   | <b>Pages:</b> 131-134   | <b>Date:</b> 03/1985 |
|                   | 205                   | <b>Author:</b> NAKAGAWA-YAGI et al.<br><br><b>Publ:</b><br><u>Life Sciences</u>  | <b>Title:</b> The Endogenous Estrogen Metabolite 2-Methoxyestradiol Induces Apoptotic Neuronal Cell Death <i>In Vitro</i>                        |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 58 (17)  | <b>Pages:</b> 1461-1467 | <b>Date:</b> 1996    |
|                   | 206                   | <b>Author:</b> NAMBARA et al.<br><br><b>Publ:</b><br><u>Chem. Pharm. Bulletin</u>  | <b>Title:</b> Studies on Steroid Conjugates. III. New Synthesis of 2-Methoxyestrogens  |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 18 (3)   | <b>Pages:</b> 474-480   | <b>Date:</b> 03/1970 |
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|                   |                       |  | <b>Vol/Iss:</b> 20 (2)   | <b>Pages:</b> 336-342   | <b>Date:</b> 1972    |

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application No. 09/780,650

Filing Date 02/12/2001

First Named Inventor D'Amato

Group Art Unit 1616

Examiner Name Badio, Barbara P.

Sheet

25 of 31

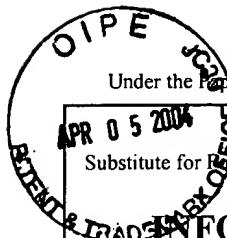
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|                   | 208                   | <b>Author:</b> NAMBARA et al.<br><b>Publ:</b> <u>Chemical &amp; Pharmaceutical Bulletin</u>  | <b>Title:</b> Synthesis of 16 $\beta$ -Oxygenated Catechol Estrogen Methyl Ethers, New and Potential Metabolites  |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 23 (7)  | <b>Pages:</b> 1613-1616 | <b>Date:</b> 07/1975  |
|                   | 209                   | <b>Author:</b> NAMBARA, T., et al.<br><b>Publ:</b> <u>HCAPLUS-Chemical and Pharmaceutical Bulletin</u>   | <b>Title:</b> DN 82:43650; Analytical Chemical Studies on Steroids. LXXIII. Synthesis of Epimeric 2-Hydroxy-16-Chlorestrone Monomethyl Ethers (Abstract only) |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 22 (10)   | <b>Pages:</b> 2455-2457 | <b>Date:</b> 1974     |
|                   | 210                   | <b>Author:</b> NAPOLITANO et al.<br><b>Publ:</b> <u>Journal of Medicinal Chemistry</u>   | <b>Title:</b> 11 Beta-Substituted Estradiol Derivatives. 2. Potential Carbon-11 and Iodine-Labeled Probes for the Estrogen Receptor (Abstract only)           |                         |                       |
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|                   | 211                   | <b>Author:</b> NEWKOME et al.<br><b>Publ:</b> <u>Journal of Organic Chemistry</u>  | <b>Title:</b> Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction  |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 31  | <b>Pages:</b> 677-681   | <b>Date:</b> 03/1966  |
|                   | 212                   | <b>Author:</b> NGUYEN, M. et al.<br><b>Publ:</b> <u>Journal of the National Cancer Institute</u>   | <b>Title:</b> Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients                                    |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 85 (3)  | <b>Pages:</b> 241-242   | <b>Date:</b> 02/03/93 |
|                   | 213                   | <b>Author:</b> NISHIGAKI et al.<br><b>Publ:</b> <u>Atherosclerosis</u>   | <b>Title:</b> Anti-Proliferative Effect of 2-Methoxyestradiol on Cultured Smooth Muscle Cells from Rabbit Aorta   |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b> 113   | <b>Pages:</b> 167-170   | <b>Date:</b> 1995     |
|                   | 214                   | <b>Author:</b> NUMAZAWA et al.<br><b>Publ:</b> <u>Journal of the Chemical Society</u>  | <b>Title:</b> Efficient Synthesis of 2-Methoxy- and 4-Methoxy-Estrogens   |                         |                       |
|                   |                       |  | <b>Vol/Iss:</b>   | <b>Pages:</b> 533-534   | <b>Date:</b> 01/01/83 |

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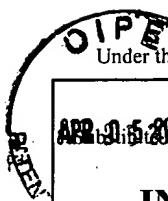
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|       |    |    |    | Application No.        | 09/780,650                |
|       |    |    |    | Filing Date            | 02/12/2001                |
|       |    |    |    | First Named Inventor   | D'Amato                   |
|       |    |    |    | Group Art Unit         | 1616                      |
|       |    |    |    | Examiner Name          | Badio, Barbara P.         |
| Sheet | 26 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |  |                         | T <sup>2</sup>       |
|-------------------|-----------------------|--|--|-------------------------|----------------------|
|                   | 215                   | <b>Author:</b> NUMAZAWA et al.<br><b>Publ:</b><br><u>Steroids</u>  | <b>Title:</b> Novel and Regiospecific Synthesis of 2-Amino Estrogens via Zincke Nitration  |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 41 (5)   | <b>Pages:</b> 675-682   | <b>Date:</b> 1983    |
|                   | 216                   | <b>Author:</b> OCHS et al.<br><b>Publ:</b><br><u>Cancer Research</u>   | <b>Title:</b> Effect of Tumor Promoting Contraceptive Steroids on Growth and Drug Metabolizing Enzymes in Rat Liver (Abstract only)  |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 46 (3)   | <b>Pages:</b> 1224-1232 | <b>Date:</b> 1986    |
|                   | 217                   | <b>Author:</b> OMAR et al.<br><b>Publ:</b><br><u>European Journal of Medicinal Chemistry</u>   | <b>Title:</b> Synthesis, binding affinities and uterotrophic activity of some 2-substituted estradiol and ring-A-fused pyrone derivatives  |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 29   | <b>Pages:</b> 25-32     | <b>Date:</b> 1994    |
|                   | 218                   | <b>Author:</b> PARTHASARATHY et al.<br><b>Publ:</b><br><u>Journal of Clinical Investigation</u>  | <b>Title:</b> Antioxidant: A New Role for RU-486 and Related Compounds (Abstract only)   |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 94 (5)   | <b>Pages:</b> 1990-1995 | <b>Date:</b> 11/1994 |
|                   | 219                   | <b>Author:</b> PERT et al.<br><b>Publ:</b><br><u>Australian Journal of Chemistry</u>   | <b>Title:</b> Preparations of 2,4-disubstituted estradiols (Abstract only)   |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 42 (3)   | <b>Pages:</b> 421-432   | <b>Date:</b> 1989    |
|                   | 220                   | <b>Author:</b> PETERS et al.<br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>  | <b>Title:</b> 17-Desoxy Estrogen Analogues   |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 32 (7)   | <b>Pages:</b> 1642-1652 | <b>Date:</b> 1989    |
|                   | 221                   | <b>Author:</b> PFEIFFER et al.<br><b>Publ:</b><br><u>Journal of Endocrinology</u>  | <b>Title:</b> Are catechol estrogens obligatory mediators of estrogen action in the central nervous system? I. Characterization of pharmacological probes with different receptor binding affinities and catechol estrogen formation rates (Abstract only) |                         |                      |
|                   |                       |  | <b>Vol/Iss:</b> 110 (3)  | <b>Pages:</b> 489-497   | <b>Date:</b> 1986    |

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|                           |    |    |    | Complete if Known      |                    |
|                           |    |    |    | Application No.        | 09/780,650         |
|                           |    |    |    | Filing Date            | 02/12/2001         |
|                           |    |    |    | First Named Inventor   | D'Amato            |
|                           |    |    |    | Group Art Unit         | 1616               |
|                           |    |    |    | Examiner Name          | Barrio, Barbara P. |
| Sheet                     | 27 | of | 31 | Attorney Docket Number |                    |
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|-------------------|-----------------------|--|--|--|----------------|
|                   | 222                   | <b>Author:</b> POWELL et al.<br><b>Publ:</b><br><u>British Journal of Dermatology</u>  | <b>Title:</b> Investigation and Treatment of Orogenital Ulceration; studies on a Possible Mode of Action of Thalidomide<br><br><b>Vol/Iss:</b> 113 Supp. 28 <b>Pages:</b> 141-144 <b>Date:</b> 07/1985                                       |  |                |
|                   | 223                   | <b>Author:</b> RAO et al.<br><b>Publ:</b><br><u>Synthesis</u>  | <b>Title:</b> A Novel, Two-Step Synthesis of 2-Methoxyestradiol<br><br><b>Vol/Iss:</b> <b>Pages:</b> 168-169 <b>Date:</b> 03/01/77   |  |                |
|                   | 224                   | <b>Author:</b> ROMANELLI et al.<br><b>Publ:</b><br><u>Organic Synthesis</u>  | <b>Title:</b> Ethyl-p-Dimethylaminophenylacetate<br><br><b>Vol/Iss:</b> 5 <b>Pages:</b> 552 <b>Date:</b> 10/24/1973  |  |                |
|                   | 225                   | <b>Author:</b> SAKAKIBARA, KYOICHI<br><b>Publ:</b><br><u>Chemical Abstracts</u>  | <b>Title:</b> 2-Hydroxy-1,3,5(10)-estratriene derivatives (Abstract only) (Identifier: XP-002186126)<br><br><b>Vol/Iss:</b> 60(1) <b>Pages:</b> <b>Date:</b> 01/06/64  |  |                |
|                   | 226                   | <b>Author:</b> SATO et al.<br><b>Publ:</b><br><u>Horm. Carcinog. II. Proceedings Int. Symp., 2nd (1996), Meeting Date 1994</u>   | <b>Title:</b> Natural estrogens induce modulation of microtubules in Chinese hamster V79 cells in culture (Abstract only)<br><br><b>Vol/Iss:</b> <b>Pages:</b> 454-457 <b>Date:</b> 1996   |  |                |
|                   | 227                   | <b>Author:</b> SEEGERS et al.<br><b>Publ:</b><br><u>Journal of Steroid Biochemistry and Molecular Biology</u>  | <b>Title:</b> The Mammalian Metabolite, 2-methoxyestradiol, Affects P53 Levels and Apoptosis Induction in Transformed Cells but Not in Normal Cells (Abstract only)<br><br><b>Vol/Iss:</b> 62 (4) <b>Pages:</b> 253-267 <b>Date:</b> 07/1997 |  |                |
|                   | 228                   | <b>Author:</b> SHAH et al.<br><b>Publ:</b><br><u>Journal of Medicinal Chemistry</u>  | <b>Title:</b> (+/-)-(N-alkylamino)benzazepine Analogs: Novel Dopamine D1 Receptor Antagonists (Abstract only)<br><br><b>Vol/Iss:</b> 38 (21) <b>Pages:</b> 4284-4293 <b>Date:</b> 10/13/95   |  |                |

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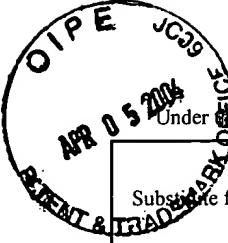
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|-------------------|-----------------------|--|---|--|----------------|
|                   | 229                   | <b>Author:</b> SHISHKINA et al.<br><b>Publ:</b><br><u>Khim.-Farm. Zh.</u>  | <b>Title:</b> Synthesis and properties of condensed heterocyclic derivatives of estra-4, 9-dien-17.beta.-ol-3-one (Abstract only) |  |                |
|                   | 230                   | <b>Author:</b> SIDKY et al.<br><b>Publ:</b><br><u>Cancer Research</u>  | <b>Title:</b> Inhibition of Angiogenesis by Interferons: Effects on Tumor- and Lymphocyte-induced Vascular Responses              | <b>Vol/Iss:</b> 8 (1) <b>Pages:</b> 7-11 <b>Date:</b> 1974         |                |
|                   | 231                   | <b>Author:</b> SIRACUSA et al.<br><b>Publ:</b><br><u>Journal of Embryology and Experimental Morphology</u>   | <b>Title:</b> The Effect of Microtubule- and Microfilament-disrupting Drugs on Preimplantation Mouse Embryos (abstract Only)      | <b>Vol/Iss:</b> 60 <b>Pages:</b> 71-82 <b>Date:</b> 12/1980        |                |
|                   | 232                   | <b>Author:</b> SPYRIOUNIS et al.<br><b>Publ:</b><br><u>Arch. Pharm.</u>  | <b>Title:</b> Copper (II) complex of an estradiol derivative with potent antiinflammatory properties (Abstract only)              | <b>Vol/Iss:</b> 324 (9) <b>Pages:</b> 533-536 <b>Date:</b> 1991    |                |
|                   | 233                   | <b>Author:</b> SRIVASTAVA, A. et al.<br><b>Publ:</b><br><u>American Journal of Pathology</u>   | <b>Title:</b> The Prognostic Significance of Tumor Vascularity in Intermediate-Thickness (0.76-4.0 mm Thick) Skin Melanoma        | <b>Vol/Iss:</b> 133 (2) <b>Pages:</b> 419-424 <b>Date:</b> 11/1988 |                |
|                   | 234                   | <b>Author:</b> STARKOV et al.<br><b>Publ:</b><br><u>Zhumal Prikladnoi Khimii</u>   | <b>Title:</b> Mono- and Dialkylation of Guaiacol by Olefins on KU-2 Cation Exchanger (Abstract only)                              | <b>Vol/Iss:</b> 41 (3) <b>Pages:</b> 688-690 <b>Date:</b> 1968     |                |
|                   | 235                   | <b>Author:</b> TAYLOR, S. et al.<br><b>Publ:</b><br><u>Nature</u>  | <b>Title:</b> Protamine is an Inhibitor of Angiogenesis   | <b>Vol/Iss:</b> 297 <b>Pages:</b> 307-312 <b>Date:</b> 05/27/82    |                |

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|  | 236 | <b>Author:</b> TERANISHI, M. et al. <b>Title:</b> Methylation of Catechol Estrogen with Diazomethane<br><br><b>Publ:</b> <u>Chemical and Pharmaceutical Bulletin</u> |  |
|  |     | <b>Vol/Iss:</b> 31 (9) <b>Pages:</b> 3309-3314 <b>Date:</b> 09/1983  |  |

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|  | 237 | <b>Author:</b> TISHLER et al. <b>Title:</b> Microtubule-Active Drugs Taxol, Vinblastine, and Nocodazole Increase the Levels of Transcriptionally Active p53<br><br><b>Publ:</b> <u>Cancer Research</u> |  |
|  |     | <b>Vol/Iss:</b> 55 <b>Pages:</b> 6021-6025 <b>Date:</b> 12/15/95   |  |

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|--|-----|--|--|
|  | 238 | <b>Author:</b> TREMBLAY et al. <b>Title:</b> A Convenient Synthetic Method for Alpha-Alkylation of Steroidal 17-Ketone: Preparation of 16 $\beta$ -(THPO-Heptyl)-Estradiol<br><br><b>Publ:</b> <u>Synthetic Communications</u> |  |
|  |     | <b>Vol/Iss:</b> 25 (16) <b>Pages:</b> 2483-2495 <b>Date:</b> 1995  |  |

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|--|-----|---|--|
|  | 239 | <b>Author:</b> TREMBLAY et al. <b>Title:</b> Synthesis of 16-(Bromoalkyl)-Estradiols Having Inhibitory Effect on Human Placental Estradiol 17 $\beta$ -Hydroxysteroid Dehydrogenase (17 $\beta$ HSD Type 1)<br><br><b>Publ:</b> <u>Bioorganic &amp; Medicinal Chemistry</u> |  |
|  |     | <b>Vol/Iss:</b> 3 (5) <b>Pages:</b> 505-523 <b>Date:</b> 1995   |  |

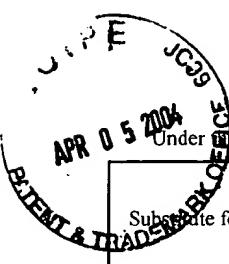
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|--|-----|--|--|
|  | 240 | <b>Author:</b> UTNE et al. <b>Title:</b> The Synthesis of 2- and 4-Fluoroestradiol<br><br><b>Publ:</b> <u>Journal of Organic Chemistry</u> |  |
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application No. 09/780,650

Filing Date 02/12/2001

First Named Inventor D'Amato

Group Art Unit 1616

Examiner Name Badio, Barbara P.

Sheet

30 of 31

Attorney Docket Number 05213-0493 (43170-253692)

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |   |                         | T <sup>2</sup>        |
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|       |    |    |    | Complete if Known      |                           |
|       |    |    |    | Application No.        | 09/780,650                |
|       |    |    |    | Filing Date            | 02/12/2001                |
|       |    |    |    | First Named Inventor   | D'Amato                   |
|       |    |    |    | Group Art Unit         | 1616                      |
|       |    |    |    | Examiner Name          | Badio, Barbara P.         |
| Sheet | 31 | of | 31 | Attorney Docket Number | 05213-0493 (43170-253692) |

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|                   |                       |  | <b>Vol/Iss:</b> 41  | <b>Pages:</b> 1803-1814 | <b>Date:</b> 1998 |
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